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Attachment to  
15 December 1970

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REFERENCE TO

POSSIBLE SSM CONSTRUCTION TECHNIQUES,  
CHINA

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1. SIGNIFICANCE:

COMPARISON OF CONSTRUCTION TECHNIQUES IS  
SHOWN BETWEEN CHING-YU SSM COMPLEX AND THE  
POSSIBLE SSM LAUNCH FACILITIES AT  
CHANG-CHIA-CHUAN AND YEN-TOU.

2. LOCATION:

CHING-YU SSM COMPLEX IS  
LOCATED AT 42-17-23N 126-52-47E, 30 NAUTICAL  
MILES (NM) NORTH-NORTHWEST OF CHING-YU.  
CHANG-CHIA-CHUAN POSSIBLE SSM LAUNCH FACILITY

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IS LOCATED AT 34-55-10N

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106-20-20E, 8.2 NM SOUTHEAST OF CHANG-CHIA-CHUAN.

YEN-TOU POSSIBLE SSM LAUNCH FACILITY

IS LOCATED AT 39-03-25N 113-15-25X1

3.1 NM WEST-NORTHWEST OF YEN-TOU.

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GROUP 1 EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

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3. REMARKS:

THESE THREE SITES HAVE THE FOLLOWING  
SIMILARITIES:

1. OVAL-SHAPED PAD HAVING APPROXIMATELY  
THE SAME DIMENSIONS DURING THE EARLY STAGES  
OF CONSTRUCTION
2. PAD LOCATED ALONG A RIDGE LINE
3. LONG AXIS OF PAD GENERALLY ORIENTED  
EAST-WEST
4. ONE OR MORE EXCAVATIONS LOCATED NEARBY  
AND APPROXIMATELY 27 TO 34 METERS (90 TO 110 FEET)  
BELOW THE LEVEL OF THE PAD
5. APPROXIMATELY THE SAME NUMBER OF SUPPORT  
FACILITIES DURING THE EARLY STAGES ON CON-  
STRUCTION

4. BACKGROUND:

FOR BACKGROUND INFORMATION SEE ATTACHMENT TO  
NPIC BRIEFING BOARDS

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5. PHOTOGRAPHIC READOUT: CHING-YU SSM COMPLEX

THERE WAS NO EVIDENCE OF THE LAUNCH COMPLEX IN JANUARY 1967, AND THE FIRST ACTIVITY, WHICH CONSISTED OF A ROAD LEADING INTO A CLEARED AREA ON TOP OF A RIDGE LINE, WAS OBSERVED IN MAY 1967.

THE OVERALL LENGTH OF THE OVAL-SHAPED LAUNCH PAD WAS WITH AN OVERALL WIDTH OF

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TWO EXCAVATIONS WERE OBSERVED APPROXIMATELY BELOW THE LEVEL OF THE LAUNCH PAD. THREE PROBABLE SUPPORT AREAS WERE LOCATED TO THE SOUTH OF THE LAUNCH PAD AREA.

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CHANG-CHIA-CHUAN POSSIBLE SSM LAUNCH FACILITY

WHEN FIRST IDENTIFIED ON THE SITE WAS UNDER CONSTRUCTION ALONG A RIDGE LINE AND CONSISTED OF A POSSIBLE OVAL-SHAPED LAUNCH PAD

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A ROAD-SERVED EXCAVATED AREA WAS ON THE HILLSIDE APPROXIMATELY 100 METERS (325 FEET) SOUTH OF THE RIDGE AND BELOW THE LEVEL OF THE LAUNCH PAD. OTHER EXCAVATED AREAS WERE OBSERVED ON HILLSIDES IN THE IMMEDIATE AREA.

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A ROAD-SERVED PROBABLE SUPPORT AREA WAS LOCATED APPROXIMATELY 1 KILOMETER SOUTHWEST OF THE POSSIBLE LAUNCH SITE. THE SUPPORT AREA WAS COMPOSED OF 15 LARGE BUILDINGS, THREE SMALL BUILDINGS, AND NUMEROUS OTHER SMALL STRUCTURES. A PROBABLE CABLE SCAR EXTENDED EAST-SOUTHEAST TO A CLEARED AREA WITH A BUILDING ALONG THE MAIN ACCESS ROAD LEADING TOWARD THE POSSIBLE LAUNCH SITE.

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ACCESS ROADS SERVING ALL AREAS HAD BEEN IMPROVED SINCE

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REVEALED THAT THE OVAL-SHAPED LAUNCH

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PAD WAS APPROXIMATELY 74.0 BY 50.0 METERS (243 BY 164 FEET), AN INCREASE OF  
4 METERS (11 FEET) IN LENGTH

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A NEW  
EXCAVATION WAS OBSERVED ON THE NORTH SIDE OF THE RIDGE LINE AT APPROXIMATELY  
BELOW THE LAUNCH PAD. THE PROBABLE CABLE SCAR HAD BEEN  
EXTENDED IN A SOUTHEAST DIRECTION FROM ITS FORMER TERMINUS AT A BUILDING ALONG  
THE MAIN ACCESS ROAD. EXTENSIVE TRACK ACTIVITY WAS NOTED IMMEDIATELY WEST OF  
THE EXTENSION OF THE PROBABLE CABLE SCAR.

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CONSTRUCTION ACTIVITY IS LESS ADVANCED THAN THAT AT CHING-YU SSM COMPLEX

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THE POSSIBLE LAUNCH SITE, THE ROAD-SERVED EXCAVATED AREA, THE PROBABLE CABLE  
SCAR AND ALL BUT THREE LARGE AND ONE SMALL BUILDINGS IN THE SUPPORT AREA ARE  
NEGATED ON  
ON  
IN THE PROBABLE SUPPORT AREA WERE PRESENT ON

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YEN-TOU POSSIBLE SSM LAUNCH FACILITY

THIS FACILITY WAS FIRST OBSERVED UNDER CONSTRUCTION ON

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SITUATED ALONG A RIDGE LINE, IT CONSISTED OF AN OVAL-SHAPED  
POSSIBLE LAUNCH PAD WITH AN OVERALL LENGTH

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A ROAD-SERVED EXCAVATION WAS LOCATED ON THE HILLSIDE APPROXIMATELY 122 METERS  
(400 FEET) NORTH OF AND BELOW THE RIDGE LINE. THE VERTICAL DISTANCE FROM THE PAD  
TO THIS EXCAVATION WAS

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THE STAGE OF CONSTRUCTION OBSERVED AT YEN-TOU WAS ABOUT THE SAME AS THAT AT  
CHING-YU SSM COMPLEX AS OBSERVED ON

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ENLARGEMENT FACTORS 25X  
30X  
150X  
110X

IEG/EGD

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# POSSIBLE SSM CONSTRUCTION TECHNIQUES CHINA

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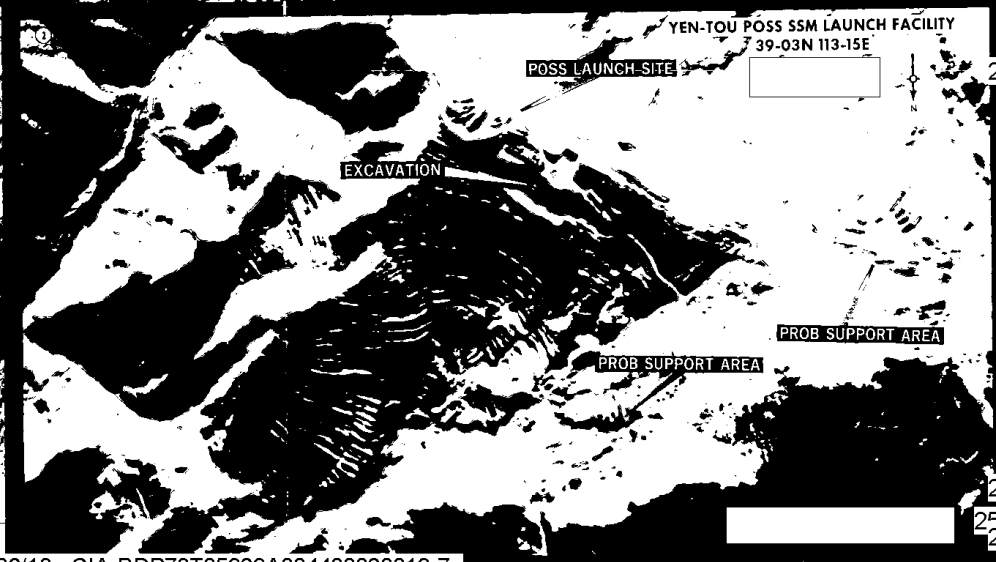


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